

## **Waterloo Maple Delivers Online Computation Through ENGINEERING.com**

### **World's First True Online Engineering Computation**

**January 25, 2001, Waterloo & Toronto ON** - Waterloo Maple Inc. (WMI), the world's leading supplier of advanced software products and components for mathematical computation and ENGINEERING.com Inc., developers and owners of the ENGINEERING.com online resource for engineers, jointly announced today the availability of Maple enabled solutions on ENGINEERING.com. These solutions allow engineers as well as students, architects, robotics designers, and other non-engineers to perform complex calculations interactively using only a browser. No additional software or plug-ins are needed to get at the results.

The current Maple enabled solutions include calculations for chemical analysis, electronic simulation, machine design, and mathematical analysis. All solutions feature an easy-to-use interface, rich set of output information, and are driven by Maple's intelligent analytical algorithms. Next generation elements will include advanced 'symbolic' solutions that allow flexible management of unknown design parameters, and solution disclosure mechanisms that present the actual steps used to derive the solution. The current solutions are the first in a collection that will grow over time with the evolution of the ENGINEERING.com online resource.

"Online technical computation will quickly become an important tool for engineers," stated James Cooper P.Eng., President of Waterloo Maple Inc. "Our solutions promise the flexibility, ease-of-use, and convenience that traditional engineering computing simply cannot provide. Launching them through ENGINEERING.com will help us expand on our existing stronghold in education and research, while adding practicing engineers of all disciplines around the world."

"I know that it's difficult for the rest of the world to understand but engineers actually love this stuff. Whether it's the application of advanced calculus or integration theory, mathematics is the universal language of engineering. It is something that we learn to "speak" during our formal education - no matter what part of the world we're in - and we use it for the rest of our professional careers," said Frank Baldesarra, P. Eng., President and CEO of ENGINEERING.com Inc. "Maple is adding a unique new dimension to both ENGINEERING.com and to the engineering community, at the same time its general applicability sets a new standard in dynamic web resources."

#### **About Waterloo Maple Inc.**

Founded in 1988, Waterloo Maple is a world leader in mathematical and analytical software. The Maple system embodies advanced technology such as symbolic computation, infinite precision numerics, and a powerful 4GL language for solving a wide range of mathematical problems encountered in modeling and simulation, and in technical education. Over a million users have adopted Waterloo Maple products as their preferred platform for exploring and managing complex problems in engineering, science, mathematics, and education. Virtually every major university and research institutes in the world, including MIT, Stanford, Oxford, and Waterloo, has adopted Maple products to enhance their education and research activities. Waterloo Maple's industrial customer base includes Nortel, Raytheon, Boeing, and DaimlerChrysler. The company

## News Release

is located at 57 Erb Street West, Waterloo, Ontario, Canada N2L 6C2, phone (519) 747-2373, fax (519) 747-5284, email: [info@maplesoft.com](mailto:info@maplesoft.com), Web site: [www.maplesoft.com](http://www.maplesoft.com).

### **About ENGINEERING.com**

ENGINEERING.com Incorporated [CDNX: EGN] is the developer-owner of the [www.ENGINEERING.com](http://www.ENGINEERING.com) Web site and Internet-based software and business, being developed to become the ultimate resource tool for the global engineering community and to provide a leading business-to-business Internet marketplace for engineering products and services. The ENGINEERING.com Incorporated head office is located in Woodbridge, Ontario, Canada and can be reached toll-free at 1- (877) 997-9917, by facsimile at (905) 264-0282 or through the Internet at [www.ENGINEERING.com](http://www.ENGINEERING.com).

The Canadian Venture Exchange Inc. has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.

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